

FIG. 1A
(Prior Art)

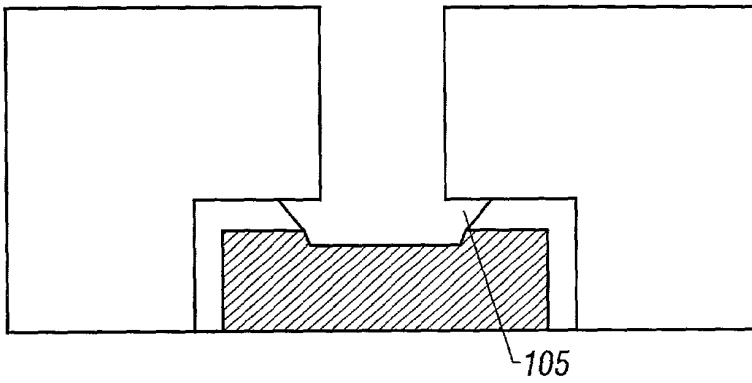


FIG. 1B
(Prior Art)

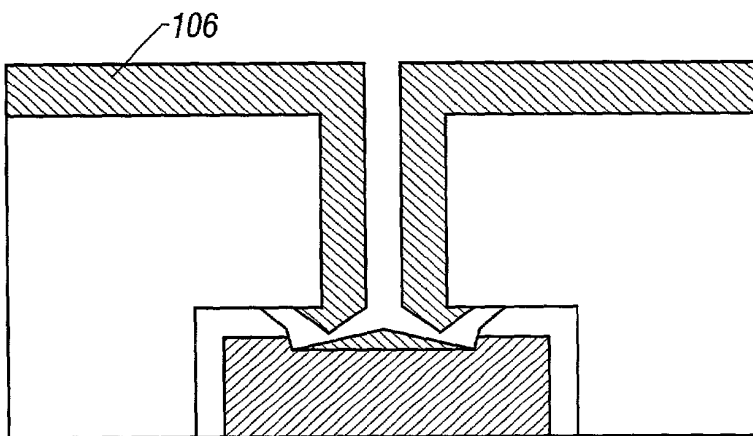
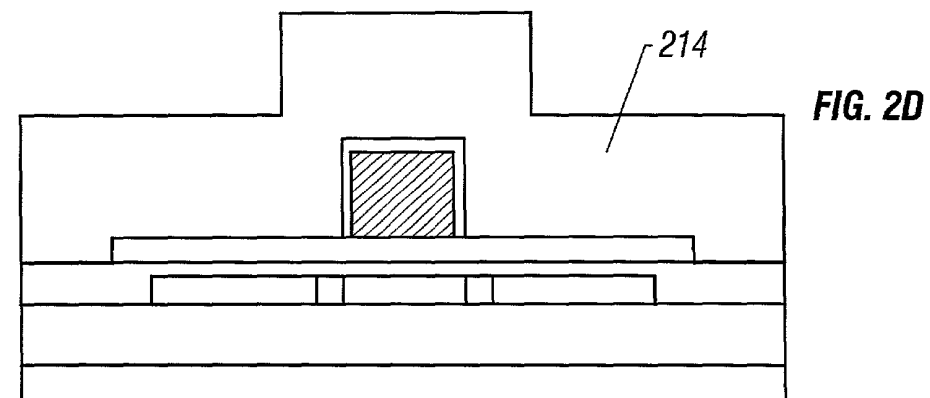
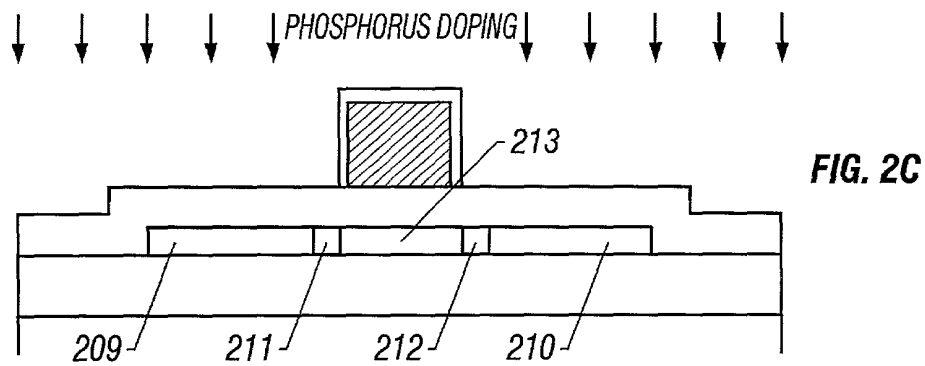
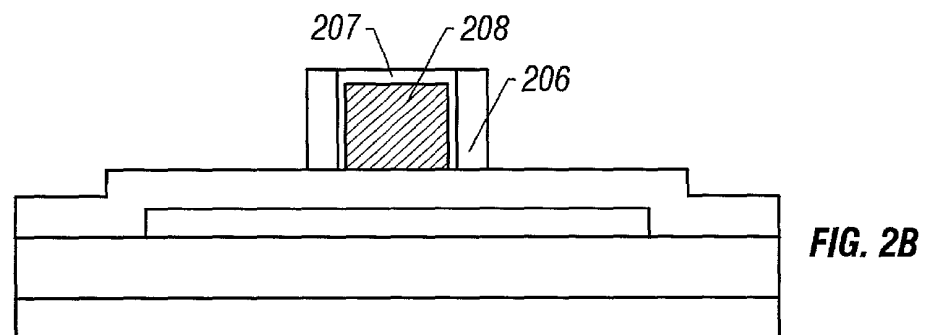
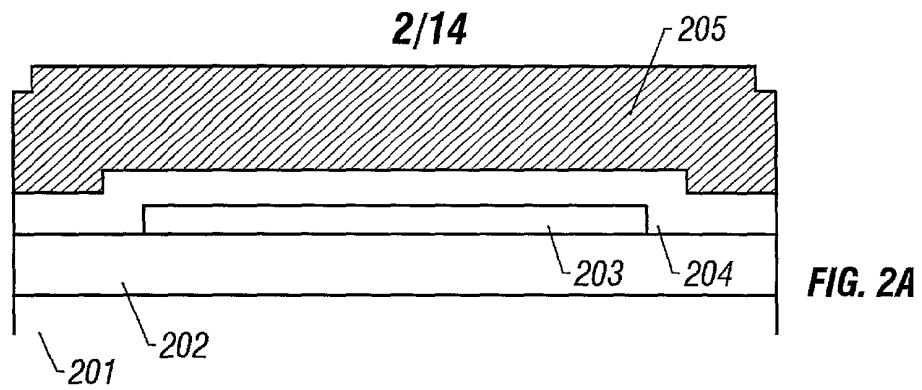


FIG. 1C
(Prior Art)



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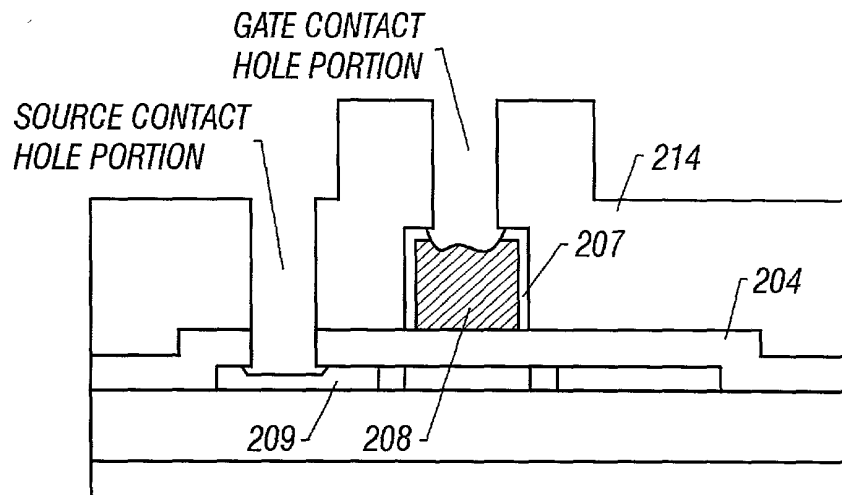


FIG. 3A

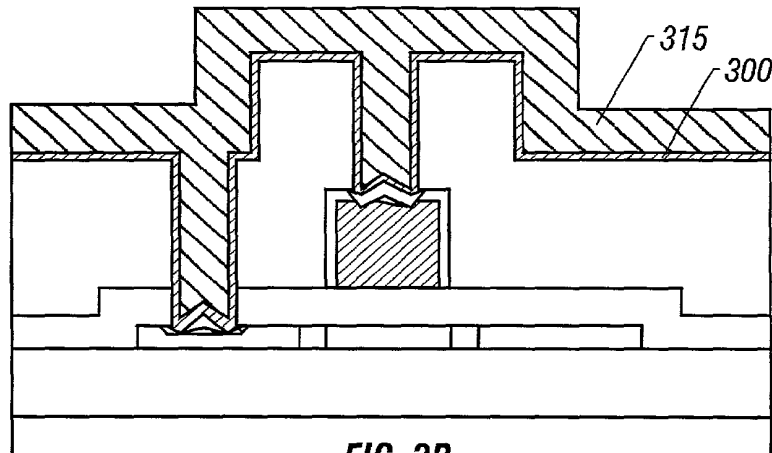


FIG. 3B

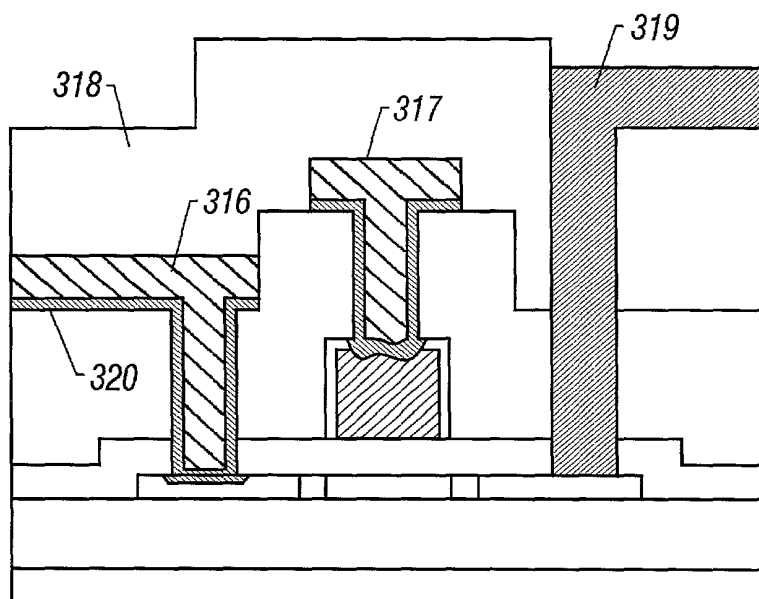


FIG. 3C

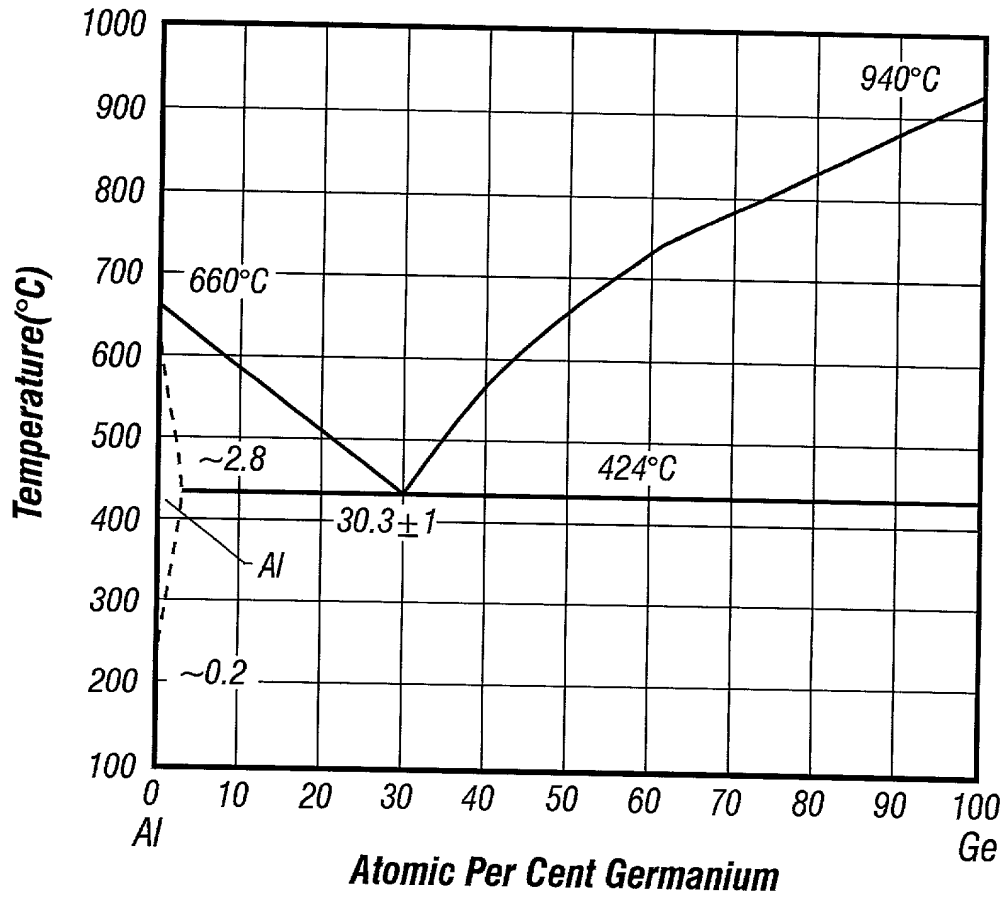


FIG. 4

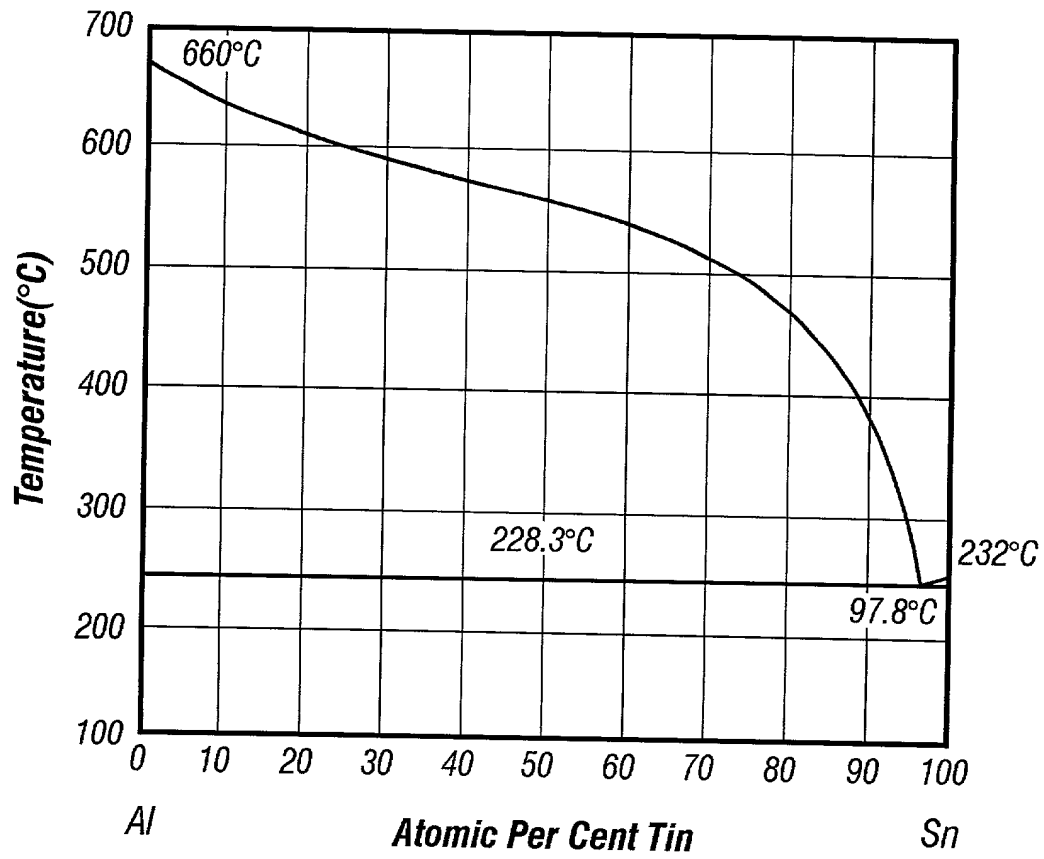


FIG. 5

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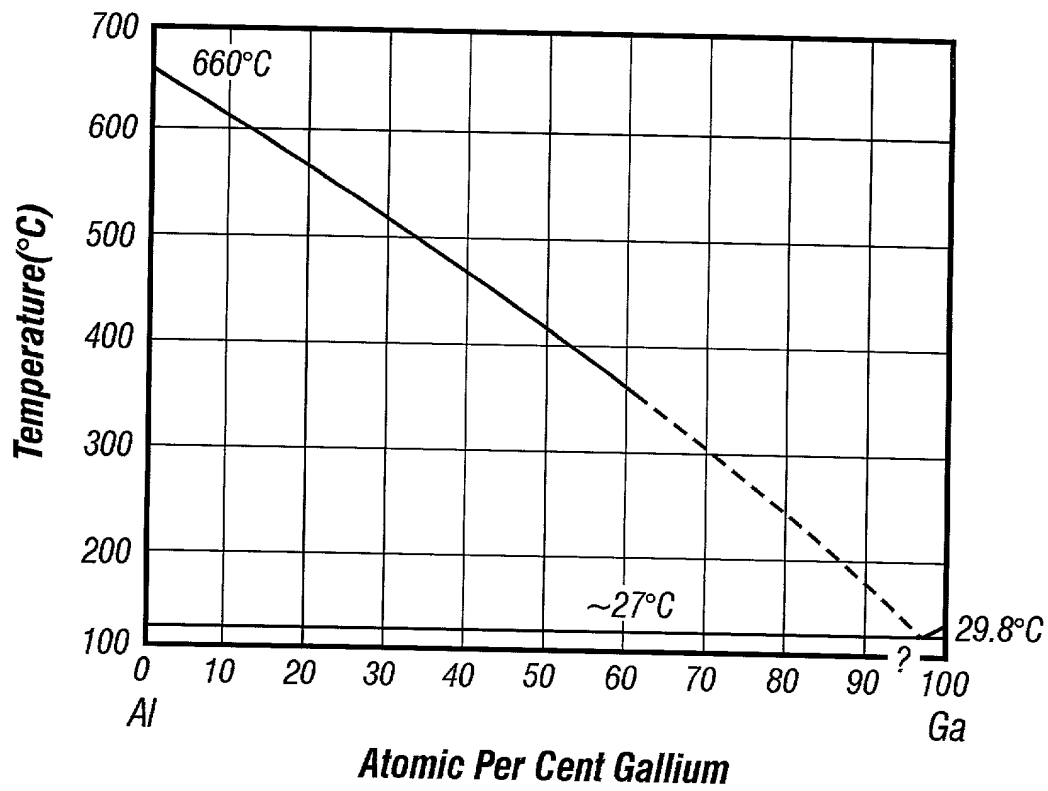


FIG. 6

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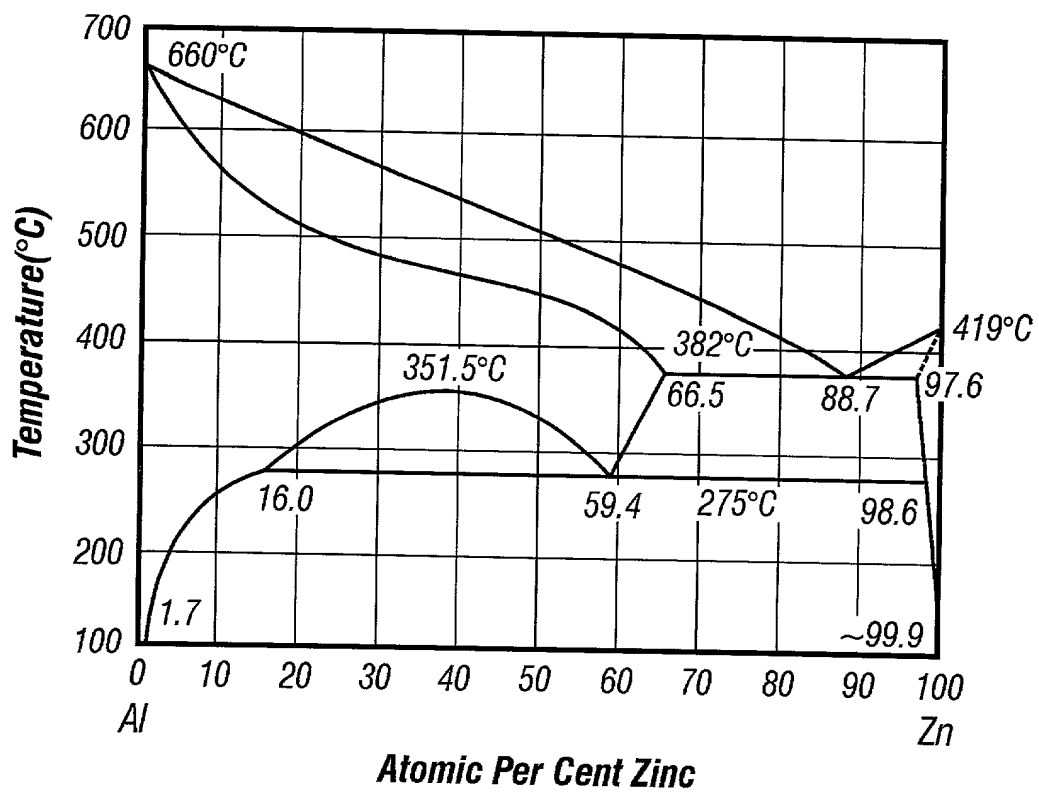


FIG. 7

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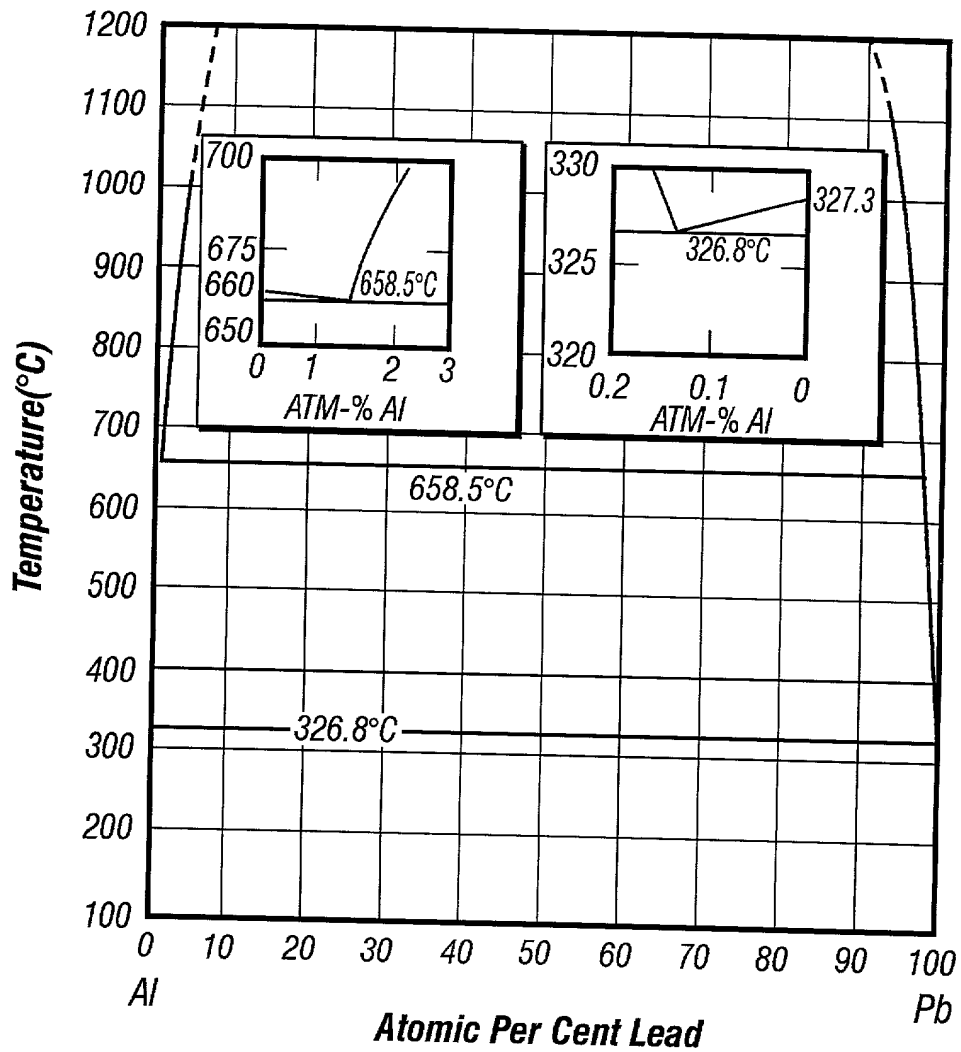


FIG. 8

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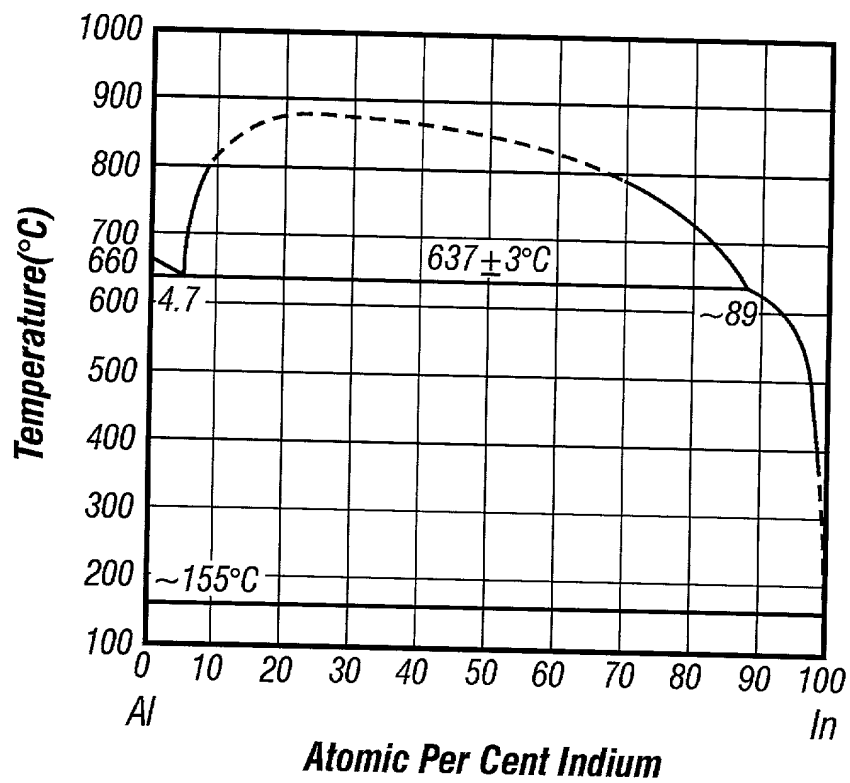


FIG. 9

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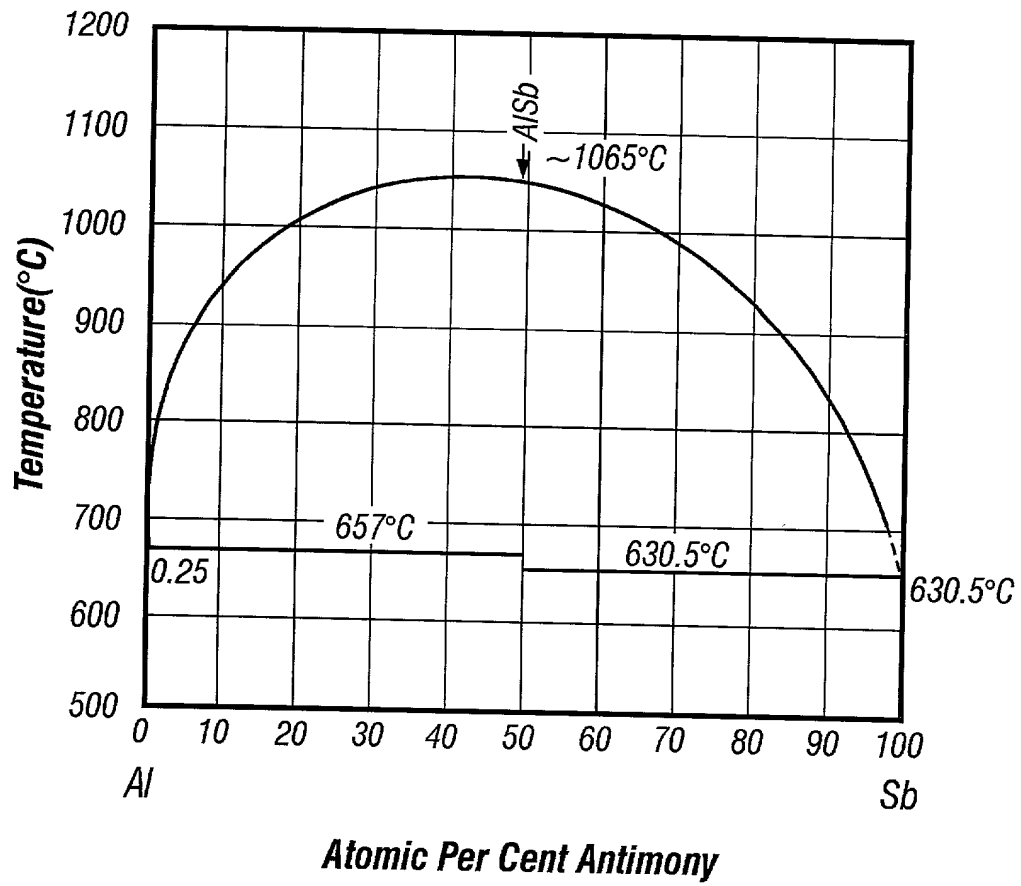


FIG. 10

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1																	2
H																	He
3	4											5	6	7	8	9	10
Li	Be											B	C	N	O	F	Ne
11	12											13	14	15	16	17	18
Na	Mg											Al	Si	P	S	Cl	Ar
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe
55	56	57-71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86
Cs	Ba	*	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn
87	88	89-103	104	105	106	107											
Fr	Ra	**	Unp	Unq	Unh	Uns	*LANTHANOIDS **ACTINOIDS										
*	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71		
	La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu		
**	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103		
	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr		

FIG. 11

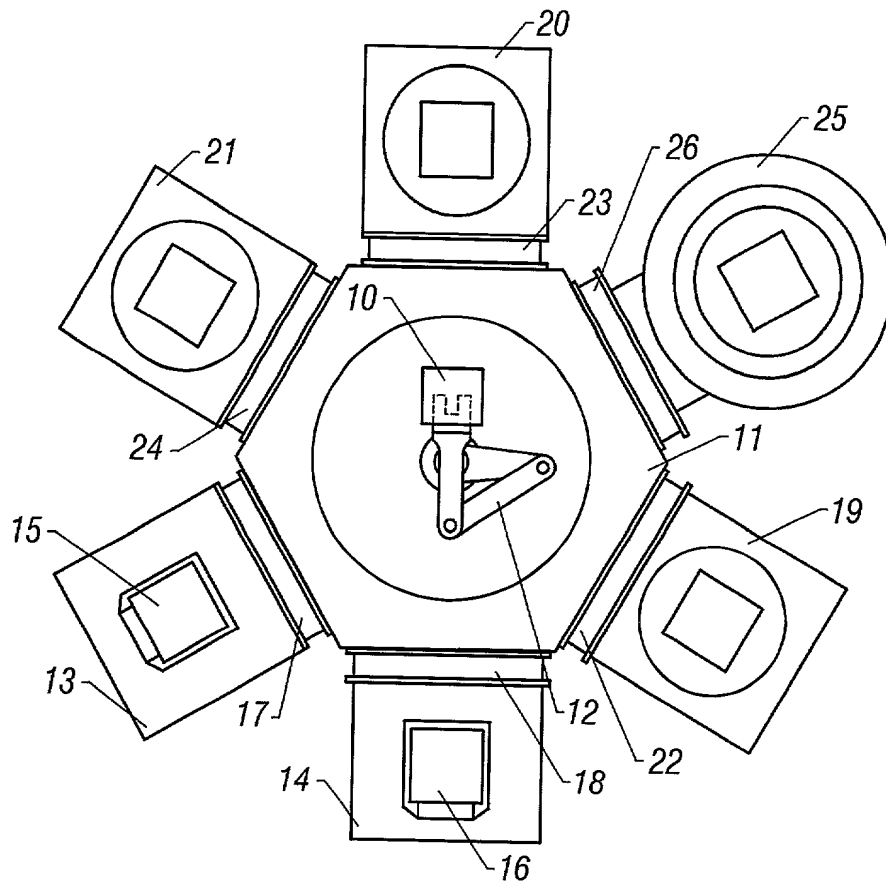


FIG. 12

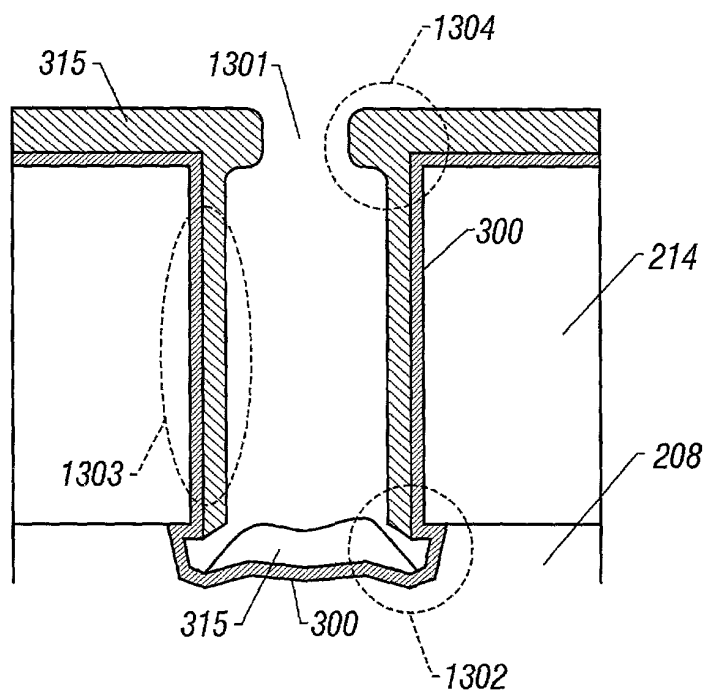


FIG. 13A

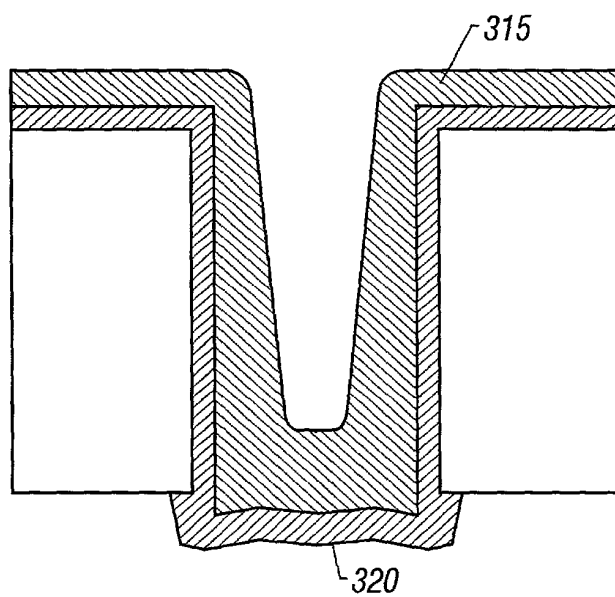


FIG. 13B

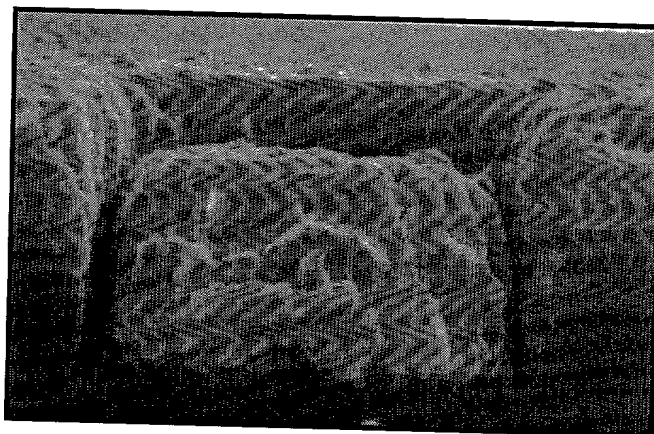


FIG. 14A

1 μm

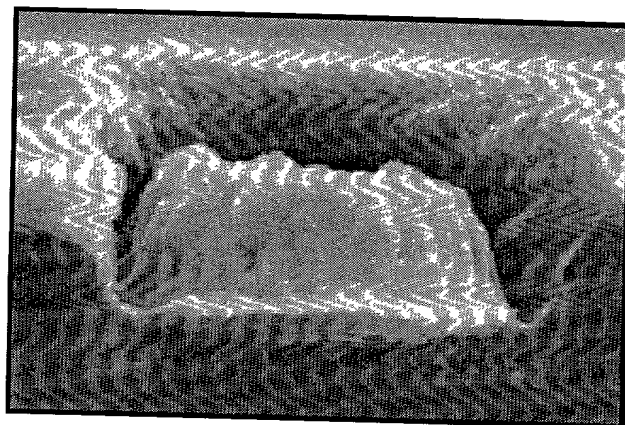


FIG. 14B

1 μm

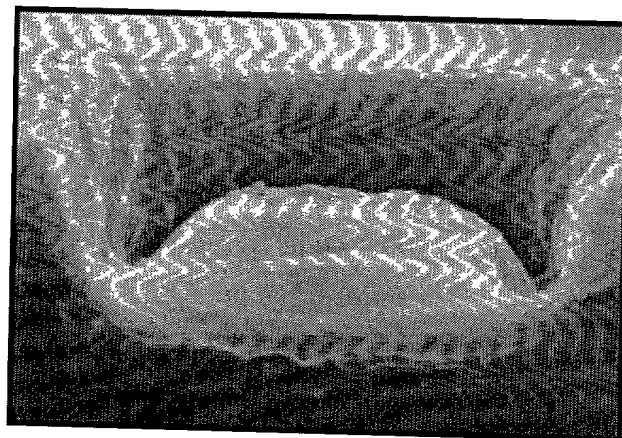


FIG. 14C

1 μm